

P23589.P01 <div style="text-align: center;">UTILITY PATENT APPLICATION TRANSMITTAL</div> (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No. P23589	Total Pages 	Inventor(s) or Application Identifier: Reuven UNGER, Dong Gon HWANG, and Woo Suk CHUNG Title: COUPLING FOR HEAT TRANSFER MEMBER
ADDRESS TO: Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450			
APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. a. <input type="checkbox"/> Small Entity Statement(s) 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>22</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>4</u>] 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>4</u>] a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)	9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 12. <input type="checkbox"/> English Translation Document (if applicable) 13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 14. <input type="checkbox"/> Preliminary Amendment 15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 16. <input checked="" type="checkbox"/> Figure of Drawing to be published: <u>4</u> 17. <input type="checkbox"/> Foreign priority claimed a. <input type="checkbox"/> Claim of Priority b. <input type="checkbox"/> Certified Copy of Priority Document(s) 18. <input checked="" type="checkbox"/> Assignee: <u>LG Electronics Inc., of Seoul, Republic of Korea; and Sunpower, Inc., of Athens, Ohio</u> 19. <input checked="" type="checkbox"/> Other: <u>Cover Letter Under 37 C.F.R. 1.53(b) and 1.53(f)</u> _____ _____ _____ _____ _____		
20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____/_____, filed _____. Prior application information: Examiner: _____ Group Art Unit: _____			
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a ___ continuation-in-part, ___ continuation, ___ divisional, of Application No. _____/_____, filed _____.			

17354 U.S. PTO
 10/627714
 07/28/03

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GREENBLUM & BERNSTEIN, P.L.C.
 1950 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

7/28/03
 Date

Bruce H. Bernstein Reg No. 33,329
 Signature
 Bruce H. Bernstein, Reg. No. 29,027
 Typed or Printed Name

<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 10px;"> P23589.P02 07/28/03 15915 U.S. PTO </div> <div style="text-align: center;"> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> </div> </div>		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Reuven UNGER et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
TOTAL AMOUNT OF PAYMENT (\$) <u>750.00</u>		Attorney Docket Number P23589	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																																		
<p>1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center; font-weight: bold;">FEE CALCULATION (fees effective 01/01/03)</p> <p>1. FILING FEE</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Small Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td style="text-align: right;"><u>750.00</u></td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td style="text-align: right;"><u> </u></td></tr> <tr> <td colspan="5" style="text-align: right; font-weight: bold;">SUBTOTAL (1)</td> <td style="text-align: right;">(\$)<u>750.00</u></td> </tr> </tbody> </table> <p>2. 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month</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for response within 5th month</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td style="text-align: right;"><u> </u></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td style="text-align: right;"><u> </u></td></tr> 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1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<u> </u>																																																																																																																																																																																																																																																																																																														
1251	110	2251	55	Extension for response within 1st month	<u> </u>																																																																																																																																																																																																																																																																																																														
1252	410	2252	205	Extension for response within 2nd month	<u> </u>																																																																																																																																																																																																																																																																																																														
1253	930	2253	465	Extension for response within 3rd month	<u> </u>																																																																																																																																																																																																																																																																																																														
1254	1,450	2254	725	Extension for response within 4th month	<u> </u>																																																																																																																																																																																																																																																																																																														
1255	1,970	2255	985	Extension for response within 5th month	<u> </u>																																																																																																																																																																																																																																																																																																														
1401	320	2401	160	Notice of Appeal	<u> </u>																																																																																																																																																																																																																																																																																																														
1402	320	2402	160	Filing a brief in support of an appeal	<u> </u>																																																																																																																																																																																																																																																																																																														
1403	280	2403	140	Request for oral hearing	<u> </u>																																																																																																																																																																																																																																																																																																														
1451	1,510	1451	1,510	Petition to institute a public use proceeding	<u> </u>																																																																																																																																																																																																																																																																																																														
1452	110	2452	55	Petition to revive unavoidably abandoned application	<u> </u>																																																																																																																																																																																																																																																																																																														
1453	1,300	2453	650	Petition to revive unintentionally abandoned application	<u> </u>																																																																																																																																																																																																																																																																																																														
1501	1,300	2501	650	Utility issue fee (or reissue)	<u> </u>																																																																																																																																																																																																																																																																																																														
1502	470	2502	235	Design issue fee	<u> </u>																																																																																																																																																																																																																																																																																																														
1503	630	2503	315	Plant issue fee	<u> </u>																																																																																																																																																																																																																																																																																																														
1460	130	1460	130	Petitions to the Commissioner	<u> </u>																																																																																																																																																																																																																																																																																																														
1807	50	1807	50	Petitions related to provisional applications	<u> </u>																																																																																																																																																																																																																																																																																																														
1806	180	1806	180	Submission of IDS	<u> </u>																																																																																																																																																																																																																																																																																																														
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u> </u>																																																																																																																																																																																																																																																																																																														
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	<u> </u>																																																																																																																																																																																																																																																																																																														
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	<u> </u>																																																																																																																																																																																																																																																																																																														
1801	750	2801	375	Request for Continued Examination (RCE)	<u> </u>																																																																																																																																																																																																																																																																																																														
1802	900	1802	900	Request for expedited examination of a design application	<u> </u>																																																																																																																																																																																																																																																																																																														
Other fee (specify) _____					<u> </u>																																																																																																																																																																																																																																																																																																														
Other fee (specify) _____					<u> </u>																																																																																																																																																																																																																																																																																																														
SUBTOTAL (3)					(\$) <u>0.00</u>																																																																																																																																																																																																																																																																																																														
*Reduced by Basic Filing Fee paid																																																																																																																																																																																																																																																																																																																			

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	
				29,027	
Signature				Date	
				7/28/03	
				Deposit Account User ID	

33,329

P23589.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Reuven UNGER et al.

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For : COUPLING FOR HEAT TRANSFER MEMBER

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

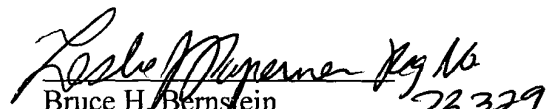
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

The above-identified application includes:

- 22 pages of specification with abstract.
- 4 sheets of drawings with 5 figures.
- 19 total claims and 3 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Reuven UNGER et al.


Bruce H. Bernstein
Reg. No. 29,027

July 28, 2003
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
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(703) 716-1191